

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-21. (Canceled)

22. (Currently Amended) A method for screening crystallization conditions or amorphous stage conditions of a molecule, comprising:

- (a) levitating at least one droplet of [[said]] a fluid in an ultrasound acoustic levitator,
- (b) delivering at least one substance to said levitating droplet with a dispenser for delivering said substance,
- (c) detecting the nucleation tendency by multi-angle light scattering in combination with Raman spectroscopy to obtain a quantitative measurement of turbidity, precipitate, and/or aggregate formation in said at least one droplet, while the concentrations of substances in said levitated droplet is gradually increased over time by means of either droplet evaporation or addition of precipitants and utilizing the vibration-induced streaming caused by ultrasound to further the precipitation in said droplet, and
- (d) scoring the nucleation tendency.

23-31. (Canceled)

32. (Previously Presented) The method according to claim 22, wherein the molecule is a protein, a membrane protein, a peptide, an enzyme, a receptor, a drug compound, nucleic acid, a macromolecular, macromolecular assembly or complexes thereof.

33. (Previously Presented) The method according to claim 32, wherein the peptide is an oligopeptide or a polypeptide.

34. (Previously Presented) The method according to claim 32, wherein the nucleic acid is DNA or RNA, an oligonucleotide, or a polynucleotide.

35-46. (Canceled)